

## EAST Search History

| Ref # | Hits | Search Query   | DBs                | Default Operator | Plurals | Time Stamp          |
|-------|------|--|--------------------|------------------|---------|---------------------|
| S1    | 1    | "10561893"   | US-PGPUB;<br>USPAT | ADJ              | ON      | 2009/03/13<br>14:18 |
| S2    | 0    | "0407242"  | EPO                | ADJ              | ON      | 2009/03/13<br>14:48 |
| S3    | 123  | (180/171).CQLS                                       | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/03/13<br>15:44 |
| S5    | 29   | (188/160).CQLS                                       | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/03/18<br>16:17 |
| S6    | 799  | (188/170).CQLS                                       | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/03/18<br>16:17 |
| S7    | 770  | "188/170".CQLS                                       | USPAT              | ADJ              | ON      | 2009/03/18<br>16:19 |
| S8    | 341  | (188/161).CQLS                                       | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/03/18<br>16:21 |
| S9    | 265  | (188/163).CQLS                                       | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/03/18<br>16:22 |
| S10   | 1    | S9 and rack near3 pinion                             | US-PGPUB;<br>USPAT | ADJ              | ON      | 2009/03/18<br>16:22 |
| S11   | 1    | S6 and rack near3 pinion                             | US-PGPUB;<br>USPAT | ADJ              | ON      | 2009/03/18<br>16:29 |
| S12   | 344  | (188/164).CQLS                                       | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/03/18<br>16:33 |
| S13   | 3    | S12 and rack near3 pinion                            | US-PGPUB;<br>USPAT | ADJ              | ON      | 2009/03/18<br>16:33 |
| S15   | 166  | (74/842).CQLS  | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/03/19<br>08:08 |
| S18   | 1    | S15 and brake  | US-PGPUB;<br>USPAT | ADJ              | ON      | 2009/03/19<br>08:11 |
| S20   | 55   | (74/10.39).CQLS                                      | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/03/19<br>08:12 |
| S21   | 332  | (74/29).CQLS   | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/03/19<br>08:14 |
| S22   | 74   | (74/89.11).CQLS                                      | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/03/19<br>08:18 |
| S23   | 309  | (74/109).CQLS  | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/03/19<br>08:20 |
| S25   | 1134 | (74/422).CQLS  | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/03/19<br>08:27 |
| S26   | 30   | S25 and brake  | US-PGPUB;<br>USPAT | ADJ              | ON      | 2009/03/19<br>08:28 |
| S27   | 51   | (72/3).CQLS  | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/03/19<br>08:30 |
| S28   | 6    | ((JOHANN) near2 (EBERLE)).INV.                       | US-PGPUB;<br>USPAT | ADJ              | ON      | 2009/03/19<br>08:51 |
| S29   | 5    | ((KARL) near2 (EIBAND)).INV.                         | US-PGPUB;<br>USPAT | ADJ              | ON      | 2009/03/19<br>16:34 |
| S30   | 2    | driv\$ same3 pinion same3 switchgear<br>same3 brak\$ | US-PGPUB;<br>USPAT | ADJ              | ON      | 2009/03/23<br>11:24 |

|     |       |  |                    |     |     |                     |
|-----|-------|--|--------------------|-----|-----|---------------------|
| S31 | 70    | driv\$ same3 switchgear\$ same3 brak\$   | US-PGPUB;<br>USPAT | ADJ | ON  | 2009/03/23<br>11:25 |
| S32 | 0     | ("2004/0168874").URPN.   | USPAT              | ADJ | ON  | 2009/03/23<br>11:33 |
| S33 | 0     | ("2004/0168874").URPN.   | USPAT              | ADJ | ON  | 2009/03/23<br>11:33 |
| S34 | 0     | ("2006/0144653").URPN.   | USPAT              | ADJ | ON  | 2009/03/23<br>12:35 |
| S35 | 21    | ((HERBERT) near2 (VOGT)).INV.  | US-PGPUB;<br>USPAT | ADJ | ON  | 2009/03/23<br>12:36 |
| S36 | 0     | ("2007/0107998").URPN.   | USPAT              | ADJ | ON  | 2009/03/23<br>12:37 |
| S37 | 799   | (188/170).CQL.S.   | US-PGPUB;<br>USPAT | OR  | OFF | 2009/03/23<br>12:49 |
| S38 | 6     | S37 and two near4 rotor  | USPAT              | ADJ | ON  | 2009/03/23<br>12:49 |
| S39 | 14994 | rack near4 pinion and driv\$ and<br>assembly   | USPAT              | ADJ | ON  | 2009/03/23<br>13:31 |
| S40 | 1518  | S39 and vertical\$ and brake   | USPAT              | ADJ | ON  | 2009/03/23<br>13:33 |
| S41 | 0     | S40 and "188.clas"   | USPAT              | ADJ | ON  | 2009/03/23<br>13:35 |
| S42 | 0     | S39 and "188.clas"   | USPAT              | ADJ | ON  | 2009/03/23<br>13:35 |
| S43 | 0     | rack near4 pinion and "92.clas"  | USPAT              | ADJ | ON  | 2009/03/23<br>13:41 |
| S44 | 0     | rack near4 pinion same "3" "92.clas"   | USPAT              | ADJ | ON  | 2009/03/23<br>13:42 |
| S46 | 413   | (92/153).CQL.S.  | US-PGPUB;<br>USPAT | OR  | OFF | 2009/03/23<br>13:44 |
| S47 | 0     | ("4618320" "4600358" "4830551"<br>"5065472" "5427576" "5934141"<br>"20060144653" "4629032" "4890513"<br>"4305495" "4442931" "4502300"<br>"5299533" "5365890" "5435625"<br>"6126536" "6546832" "6817443"<br>"20020066341" "4339984" "5222579"<br>"5601249" "5875688" "4255952"<br>"4261779" "4531617" "4589818"<br>"4901427" "5833296" "3924710"<br>"4248112" "4255997" "4273225"<br>"4282808" "4324309" "4396229"<br>"4405403" "4432692" "4442390"<br>"4458185" "4485594" "4487391"<br>"4498556" "4506771" "4515065"<br>"4516663" "4821936" "4961392"<br>"5012689" "5048410" ).pn. | US-PGPUB;<br>USPAT | ADJ | ON  | 2009/03/23<br>16:47 |
| S48 | 64    | mayr near gmbh   | US-PGPUB;<br>USPAT | ADJ | ON  | 2009/03/24<br>08:19 |
| S49 | 1     | ("2671336").PN.  | US-PGPUB;<br>USPAT | OR  | OFF | 2009/03/24<br>14:43 |
| S50 | 1     | ("4313900").PN.  | EPO                | OR  | OFF | 2009/03/24<br>14:45 |
| S51 | 1     | ("2130682").PN.  | EPO                | OR  | OFF | 2009/03/24<br>14:53 |

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|-----|-------|---|---------------------------|-----|-----|---------------------|
| S52 | 1     | ("1354665").PN.   | EPO                       | OR  | OFF | 2009/03/24<br>15:11 |
| S53 | 96    | (74/399).CCLS.  | US-PGPUB;<br>USPAT        | OR  | OFF | 2009/03/25<br>13:40 |
| S54 | 1     | S53 and brake   | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/25<br>13:42 |
| S55 | 1     | ("4600358").PN.   | US-PGPUB;<br>USPAT        | OR  | OFF | 2009/03/25<br>14:35 |
| S56 | 24    | ("4156367"   "4196049"   "4229136"  <br>"4260319").PN. OR ("4600358").URPN.   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2009/03/25<br>14:37 |
| S57 | 2356  | (188/166,265,167,171,72.7).CCLS.  | US-PGPUB;<br>USPAT        | OR  | OFF | 2009/03/25<br>16:15 |
| S58 | 13    | S57 and (rack with pinion)  | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/25<br>16:16 |
| S59 | 49    | S57 and vertical same driv\$  | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/25<br>16:31 |
| S60 | 0     | "188.clas" and plurality near3 rotor\$  | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/26<br>11:13 |
| S61 | 0     | "188.clas" and plurality with rotor\$   | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/26<br>11:14 |
| S62 | 0     | "188.clas" and plurality same rotor\$   | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/26<br>11:15 |
| S63 | 54856 | plurality same rotor\$  | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/26<br>11:16 |
| S64 | 24606 | plurality near3 rotor\$   | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/26<br>11:16 |
| S65 | 2356  | (188/166,265,167,171,72.7).CCLS.  | US-PGPUB;<br>USPAT        | OR  | OFF | 2009/03/26<br>11:17 |
| S66 | 17    | S65 and S64   | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/26<br>11:17 |
| S67 | 56    | S65 and S63   | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/26<br>11:19 |
| S68 | 73    | S65 and hydraulic near actuat\$   | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/26<br>11:39 |
| S69 | 12    | ("2270417"   "2512565"   "3554335"  <br>"4175646"   "4921076"   "5368135"  <br>"5699883"   "5704693"   "6129184"  <br>"6142266").PN. OR ("6543587").URPN. | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2009/03/26<br>11:43 |
| S70 | 586   | S65 and bearings  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2009/03/26<br>12:02 |
| S71 | 27    | S65 and bearings same3 brake same<br>solenoid   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2009/03/26<br>14:53 |
| S72 | 33    | S65 and bearings with distance  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2009/03/26<br>14:57 |

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|-----|----|---|--------------------|----|-----|---------------------|
| S73 | 50 | ((("4618320") or ("4600358") or ("4830551") or ("5065472") or ("5427576") or ("5934141") or ("20060144653") or ("4629032") or ("4890513") or ("4305495") or ("4442931") or ("4502300") or ("5299533") or ("5365890") or ("5435625") or ("6126536") or ("6546832") or ("6817443") or ("20020066341") or ("4339984") or ("5222579") or ("5601249") or ("5875688") or ("4255952") or ("4261779") or ("4531617") or ("4589818") or ("4901427") or ("5833296") or ("3924710") or ("4248112") or ("4255997") or ("4273225") or ("4282808") or ("4324309") or ("4396229") or ("4405403") or ("4432692") or ("4442390") or ("4458185") or ("4485594") or ("4487391") or ("4498556") or ("4506771") or ("4515065") or ("4516663") or ("4821936") or ("4961392") or ("5012689") or ("5048410") or ("").pn.))).PN. | US-PGPUB;<br>USPAT | OR | OFF | 2009/03/30<br>10:13 |
| S75 | 49 | ((("4618320") or ("4600358") or ("4830551") or ("5065472") or ("5427576") or ("5934141") or ("20060144653") or ("4629032") or ("4890513") or ("4305495") or ("4442931") or ("4502300") or ("5299533") or ("5365890") or ("5435625") or ("6126536") or ("6546832") or ("6817443") or ("20020066341") or ("4339984") or ("5222579") or ("5601249") or ("5875688") or ("4255952") or ("4261779") or ("4531617") or ("4589818") or ("4901427") or ("5833296") or ("3924710") or ("4248112") or ("4255997") or ("4273225") or ("4282808") or ("4324309") or ("4396229") or ("4405403") or ("4432692") or ("4442390") or ("4458185") or ("4485594") or ("4487391") or ("4498556") or ("4506771") or ("4515065") or ("4516663") or ("4821936") or ("4961392") or ("5012689"))).PN.                             | US-PGPUB;<br>USPAT | OR | OFF | 2009/03/30<br>10:18 |

|     |       |  |                    |     |     |                     |
|-----|-------|--|--------------------|-----|-----|---------------------|
| S76 | 50    | ((("4618320") or ("4600358") or ("4830551") or ("5065472") or ("5427576") or ("5934141") or ("20060144653") or ("4629032") or ("4890513") or ("4305495") or ("4442931") or ("4502300") or ("5299533") or ("5365890") or ("5435625") or ("6126536") or ("6546832") or ("6817443") or ("20020066341") or ("4339984") or ("5222579") or ("5601249") or ("5875688") or ("4255952") or ("4261779") or ("4531617") or ("4589818") or ("4901427") or ("5833296") or ("3924710") or ("4248112") or ("4255997") or ("4273225") or ("4282808") or ("4324309") or ("4396229") or ("4405403") or ("4432692") or ("442390") or ("4458185") or ("4485594") or ("4487391") or ("4498556") or ("4506771") or ("4515065") or ("4516663") or ("4821936") or ("4961392") or ("5012689") or ("5048410") or (".pn.") or ("4396229") or ("4405403") or ("4432692") or ("442390") or ("4458185") or ("4485594") or ("4487391") or ("4498556") or ("4506771") or ("4515065") or ("4516663") or ("4821936") or ("4961392") or ("5012689"))).PN. | US-PGPUB;<br>USPAT | OR  | OFF | 2009/03/30<br>10:29 |
| S77 | 2356  | (188/166,265,167,171,72.7).CCLS.   | US-PGPUB;<br>USPAT | OR  | OFF | 2009/03/30<br>10:30 |
| S78 | 0     | S77 and bearing\$ with2 spac\$   | US-PGPUB;<br>USPAT | ADJ | ON  | 2009/03/30<br>10:30 |
| S79 | 0     | "188.clas" and (bearing\$ with2 spac\$) and driv\$ and rotat\$   | US-PGPUB;<br>USPAT | ADJ | ON  | 2009/03/30<br>10:32 |
| S80 | 0     | "188.clas" and bearing\$ and spac\$ and driv\$ and rotat\$   | US-PGPUB;<br>USPAT | ADJ | ON  | 2009/03/30<br>10:33 |
| S81 | 0     | "188.clas" and bearing\$ and driv\$ and rotat\$  | US-PGPUB;<br>USPAT | ADJ | ON  | 2009/03/30<br>10:33 |
| S82 | 0     | "188.clas" and bearing\$ a   | US-PGPUB;<br>USPAT | ADJ | ON  | 2009/03/30<br>10:34 |
| S83 | 0     | "188.clas" and bearing\$   | US-PGPUB;<br>USPAT | ADJ | ON  | 2009/03/30<br>10:34 |
| S84 | 0     | "188/. clas" and bearing\$   | US-PGPUB;<br>USPAT | ADJ | ON  | 2009/03/30<br>10:34 |
| S85 | 63164 | ("188").CLAS.  | US-PGPUB;<br>USPAT | OR  | OFF | 2009/03/30<br>10:35 |
| S86 | 0     | S85 and (bearing\$ with2 spac\$) and drive \$ and rotat\$  | US-PGPUB;<br>USPAT | ADJ | ON  | 2009/03/30<br>10:36 |
| S87 | 4466  | S85 and bearing\$ and drive\$ and rotat\$  | US-PGPUB;<br>USPAT | ADJ | ON  | 2009/03/30<br>10:36 |
| S88 | 0     | S85 and (bearing\$ with S74 (distanc\$ or spac\$ or apart)) and drive\$ and rotat\$  | US-PGPUB;<br>USPAT | ADJ | ON  | 2009/03/30<br>10:37 |

|      |       |  |                           |     |     |                     |
|------|-------|--|---------------------------|-----|-----|---------------------|
| S89  | 967   | S87 and (electromagnetic or solenoid or static near current or static?current)   | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/30<br>10:40 |
| S90  | 229   | S89 and (lift or hoist or rack)  | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/30<br>10:42 |
| S91  | 792   | S87 and (electromagnetic or solenoid or static near current or static?current) and shaft                                       | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/30<br>10:46 |
| S92  | 792   | S87 and (electromagnetic or solenoid or static near current or static?current) and shaft and bearings                          | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/30<br>10:46 |
| S93  | 0     | drive and assembly and rack with2 (more?than?one or additional or second or another or extra or parallel or sister) and pinion | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/30<br>13:11 |
| S94  | 0     | rack with2 (more?than?one or additional or second or another or extra or parallel or sister) and pinion                        | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/30<br>13:11 |
| S95  | 49629 | racks same pinion  | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/30<br>13:12 |
| S96  | 462   | racks same pinion with drive near assembly   | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/30<br>13:12 |
| S97  | 1     | rack and pinion and oil near felt near pad   | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/30<br>15:20 |
| S98  | 5     | rack and pinion and oil same felt same pad   | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/30<br>15:20 |
| S99  | 1     | ("2074673").PN.  | US-PGPUB;<br>USPAT        | OR  | OFF | 2009/03/31<br>10:24 |
| S100 | 6     | ("2074673").PN.  | EPO;<br>DERWENT           | OR  | OFF | 2009/03/31<br>10:24 |
| S101 | 1402  | (oil near pad) or (lubricat\$ near5 pad)   | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/31<br>15:34 |
| S102 | 152   | S101 and brak\$  | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/31<br>15:35 |
| S103 | 11    | S101 and brak\$ and pinion   | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/31<br>15:35 |
| S104 | 18    | rack and lubrication same felt   | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/31<br>16:39 |
| S105 | 4     | rack near5 lubrication and felt  | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/31<br>16:40 |
| S106 | 2358  | (188/166,265,167,171,72.7).CQLS.   | US-PGPUB;<br>USPAT        | OR  | OFF | 2009/03/31<br>17:17 |
| S107 | 37    | S106 and hollow near5 shaft  | US-PGPUB;<br>USPAT        | ADJ | ON  | 2009/03/31<br>17:17 |
| S108 | 2358  | (188/166,265,167,171,72.7).CQLS.   | US-PGPUB;<br>USPAT        | OR  | OFF | 2009/04/01<br>16:56 |
| S109 | 1     | S108 and hollow near5 shaft and lubricant  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2009/04/01<br>16:56 |
| S110 | 1042  | brake and hollow near5 shaft and lubricant   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2009/04/01<br>16:57 |
| S111 | 466   | brake and hollow near5 shaft and lubricant and pinion  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2009/04/01<br>16:58 |
| S112 | 87    | S108 and lubric\$5   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2009/04/01<br>17:05 |

4/7/2009 11:35:40 AM

C:\Documents and Settings\rdodd\My Documents\EAST\Workspaces\10561893 - brake unit for rack and pinion drive.wsp